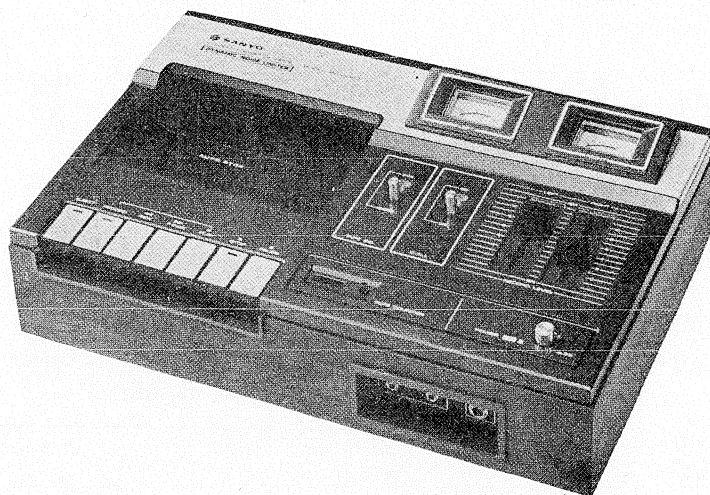




487

SANYO
CASSETTE TAPE DECK
RD4055
RD4055UM
SERVICE MANUAL



487

SPECIFICATIONS

Tape:	Chromium dioxide or normal cassette tape
Recording system:	AC bias, 1/4 track stereo
Erasing system:	AC erase, 1/2 track
Tape speed:	1-7/8 ips. (4.75 cm/sec.)
Recording time:	60 min. on double track (C-60)
Rewind & Fast forward time:	1'30" (C-60)
Wow & Flutter:	0.18% RMS
Frequency response:	30 – 16,000 Hz (Chromium dioxide tape) 30 – 13,000 Hz (Normal tape)
Signal to noise ratio:	Dolby N.R. ON: 58 dB Dolby N.R. OFF: 50 dB
Terminal impedance: (Input)	MIC: 10K ohms (0.3 mV) LINE IN: 75K ohms (80 mV) REC/PB: 10K ohms (1 mV) LINE OUT: 5K ohms (500 mV) NOTE : 0 dB = 1V REC/PB: 5K ohms (500 mV) HEADPHONE: 8 – 10K ohms
Power source:	AC: 120/220/240V 50/60Hz (RD 4055) AC: 110/125/220V 50/60Hz (RD 4055UM)
Dimensions:	14-7/32" (W) x 9-7/16" (D) x 4-3/32" (H) (360 x 240 x 104mm)
Weight:	Approx. 6 lbs. 7 oz. (3Kg)

ADJUSTMENT OF PINCH ROLLER

1. Set the unit to the PLAY mode.
2. Apply a tension gauge to the pinch roller. Read the gauge at the precise moment when the pinch roller separates from the capstan.
3. If the gauge reading is within a range of more than 200 g, no adjustment is necessary. If otherwise, make adjustment by changing the force of the spring coil. (See exploded view No. 23)

TORQUE ADJUSTMENT

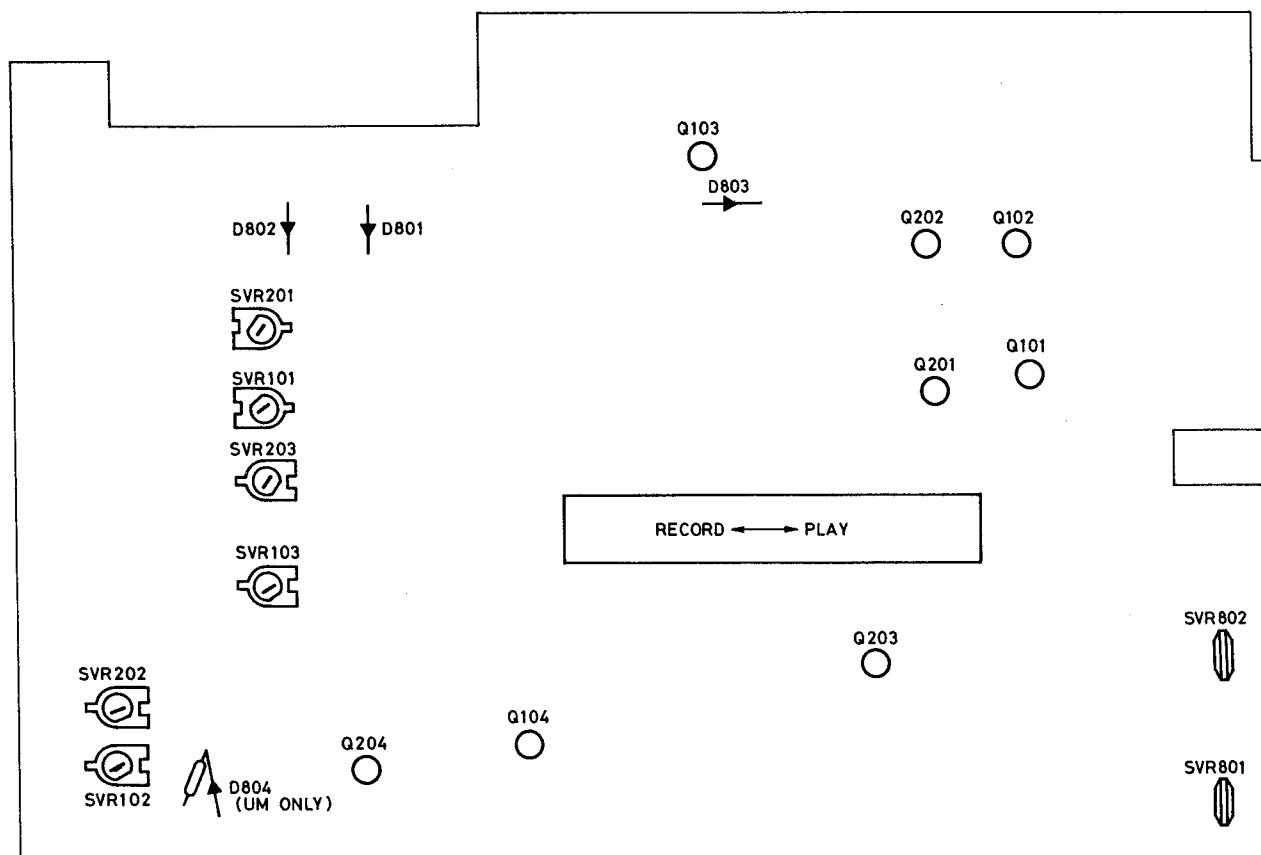
1. Set the unit to the PLAY, FAST FORWARD or REWIND mode.
2. Measure the each torque with a torque gauge. They should be as following;

PLAY	30 – 60 g/cm
FAST FORWARD	55 – 110 g/cm
REWIND	55 – 110 g/cm
3. If the each torque fails to reach the standard value. Clean the drive belt, flywheel, motor pulley, take-up reel, idler and rewind roller with a cotton swab soaked in alcohol.

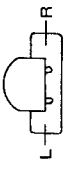
AUTO SHUT-OFF ADJUSTMENT

1. Set the unit to the PLAY mode.
2. Apply a tension gauge to the sensor. Push the gauge and measure the sensor pressure.
3. The sensor pressure should be 30 – 50 g.
4. If a sensor pressure of more than 50 g, or less than 30 g, adjust the spring coil (See exploded view No. 25).

PARTS LOCATION



ADJUSTMENT

No.		Using test tape	Test point	Input terminals	Input frequency	Input level	Tape SW position	Dolby SW position	DIN. Mic line	REC/PB Volume	Adjustment	Remarks
1	Head azimuth	VTT-658 10kHz -15dB	LINE OUT	—	—	—	Normal	OFF	—	Max.	Azimuth screw	Adjust azimuth screw to obtain maximum 10kHz output for both L and R channels.
2	Output level	MTT-150 Dolby tape	LINE OUT	—	—	—	Normal	OFF	—	Max.	SVR101 SVR201	Adjust SVR101 & SVR201 to obtain output of 580mV ± 0.5 dB at LINE OUT. (Playback volume to max. position.)
3	Meter	MTT-150 Dolby tape	LINE OUT meter	—	—	—	Normal	OFF	—	Max.	SVR102 SVR202	Meter reading should be within illustrated range after adjusting SVR102 & SVR202 to obtain output of 580mV. Meter range CAL
4	Bias (Provisional)	Test tape	Both terminals of R101, R201. (10 ohm)	—	—	—	Normal	—	—	—	SVR801 SVR802	Identify head base color marks and adjust as follows (Left side for L channel and right side for R channel): purple - 4mV, green - 4.5mV, black - 5mV, red - 5.5mV, blue - 6.5mV, brown - 7mV. 
5	Bias (Rec/Play frequency response)	Test tape	LINE OUT	LINE IN	1kHz 10kHz	-40dB	Normal	OFF	LINE IN	Max.	SVR801 SVR802	Record and play back at bias level adjusted as above. Re-adjust SVR801 & SVR802 to obtain output of 10kHz +2 to +3dB, when frequency response is: 1kHz = 0 dB.
6	Output level	Test tape	LINE OUT	LINE IN	1kHz	-20dB	Normal	OFF	LINE IN	Max.	SVR103 SVR203	Take note of recording monitor output and adjust SVR103 & SVR203 until REC/PLAY output corresponds to recording monitor output. (Difference of REC/PLAY output and monitor output should be less than ± 0.5 dB.

PARTS LIST

Key No.	Part No.	Description	Q'ty
PACKING			
	141-6-132T-60103	Individual carton (RD4055)	1
	141-6-132T-60102	Individual carton (RD4055UM)	1
	141-6-144T-23900	Styrol filler, Side pad	2
		Polyethylene bag 80x200mm, RCA cord & power supply cord	2
	123-6-453R-00100	Inspection sheet	1
		Polyethylene bag 400x550mm, Set	1
	141-6-411T-68701	Instruction booklet	1
	141-6-415T-10800	Notice, swedish (RD4055UM only)	1
	141-6-472T-05603	Caution label, Voltage indicate (RD4055)	1
	141-6-472T-05604	Caution label, Voltage indicate (RD4055UM)	1
	141-6-479T-08300	Label, DOLBY patent	1
ACCESSORY			
	4-243T-11800	Lead, RCA - RCA	2
	4-241T-08300	Cassette tape, DOLBY recording	1
	4-235R-11801	Socket, Siemens 2 pin type (RD4055 only)	1
	4-235R-11802	Socket, England 2 pin type (RD4055 only)	1
CABINET			
	141-0-111T-09703	Cabinet assembly (RD4055)	1
	141-0-111T-09702	Cabinet assembly (RD4055UM)	1
	141-0-121T-118911	Deck panel assembly	1
	114-0-124T-114910	Cassette comp. lid assembly	1
	141-2-751T-77100	Shaft, Top lid fulcrum	1
	141-2-851T-77200	Coil spring, Top lid upper	1
	141-2-164T-13700	Slide knob, VR	2
	141-2-174T-80900	Stand, Cabinet legs	4
	411-2-457T-05300	Special washer, Fix the Cabinet & Chassis	2
		Fiber washer 4x13x0.5mm, Stand mtg.	2
	141-2-157T-16900	Inlay, Mechanism button	4
	141-2-157T-16901	Inlay, REC button	1
	141-2-157T-16903	Inlay, STOP button	1
	141-2-157T-16904	Inlay, EJECT button	1
CHASSIS			
	141-2-311T-19200	Chassis, P.C.B. & PT mtg. (RD4055)	1
	141-2-311T-21500	Chassis, P.C.B. & PT mtg. (RD4055UM)	1
	141-2-143T-51400	Marking plate, DIN RCA mtg.	1
	141-2-365T-28700	Bracket, POWER & VR switch mtg.	1
	141-2-462T-37500	Boss, POWER switch mtg.	2
	141-2-322T-24600	Shield plate, VR	1
	141-2-411T-04800	Plate nut, PT mtg. (RD4055)	2
	141-2-411T-04700	Plate nut, PT mtg. (RD4055UM)	2
	141-2-367T-26301	Bracket, MIC & Headphone mtg.	1
	123-2-445R-01400	Rubber cushion, PL mtg.	2
	141-2-464T-11800	Fixer, AC cord mtg. (RD4055)	1
	141-2-464T-14400	Fixer, AC cord mtg. (RD4055UM)	1
	141-2-367T-26500	Bracket, Socket mtg. (RD4055)	1
	141-2-367T-27401	Bracket, Socket mtg. (RD4055UM)	1
	141-6-476T-05200	Indication label, Fuse	1
	141-2-363T-03400	Bracket, CR combination mtg. (RD4055 only)	1
	141-2-143T-66800	Making plate, Voltage select indicator (RD4055 only)	1
		Washer 9.5x15x32mm, Headphone MIC jack mtg.	3
	141-2-135T-41200	Cover, voltage (RD4055UM only)	1
	141-2-135T-42300	Cover PT to Chassis (RD4055UM only)	1
	141-2-322T-22500	Shield plate, PT shield (RD4055UM only)	1
	141-2-322T-25200	Shield plate, AMP shield	1
		Tube 0.7x25mm, Coil sprign noise canceler	1
	141-2-851T-84300	Coil spring, Lever (T-786) returning	1
	141-2-153T-22700	Escutcheon, Meter	1
	141-0-161T-00801	Push button assembly (RE4055)	1
	141-0-161T-01501	Push button assembly (RD4055UM)	1
	141-2-852T-30001	Wire spring, REC	1
	141-2-751T-93900	Shaft, REC	1
	141-2-741T-77200	Lever, REC	1
	141-2-751T-83400	Shaft, REC	1

Key No.	Part No.	Description	Q'ty
CHASSIS			
		Fiber washer 3.3x10x1mm, P.C.B. mtg.	2
	141-0-741T-15700	Lever assembly, EJECT	1
	141-2-851T-28100	Coil spring, EJECT	1
	147-2-465T-01700	Stoper, Lever mtg.	1
	141-2-741T-71500	Lever, Prevent the miss recording	1
	141-2-462T-29000	Boss, Lever mtg.	1
	141-2-852T-31100	Wire spring, REC returning	1
	141-2-472T-04300	Lug, Head lead retainer	1
	123-2-472R-00600	Lug, Lead retainer	1
	141-2-472T-01000	Lug, Lead reatiner	3
	123-2-472R-00400	Lug, Shield plate mtg.	1
		Rubber cushion 4x10x3mm, Levre mtg.	1
	141-2-451T-09800	Veil, SW mtg.	2
		Fiber washer 3.3x10x2mm, P.C.B. mtg.	1
	141-2-135T-42200	Cover terminal (RD4055UN only)	1
ELECTRICAL PARTS			
	4-251T-46000	Power transformer (RD4055)	1
	4-251T-45000	Power transformer (RD4055UM)	1
	4-511T-04472	Meter	2
	4-222T-42971z	Variable resistor 50KD	2
VR101, 201			
S4-1, S4-2	4-231T-52900	Switch, DIN.MIC/LINE	1
S9-1, S9-2	4-231T-51900	Switche, POWER (RD4055)	1
	4-231T-53700	Switch, POWER (RD4055UM)	1
S7-1, S-72	4-231T-279910	Switch assembly, DOLBY	1
S3-1~ S3-4	4-231T-280910	Switch assembly, Tape select	1
	4-236T-013912	Plug asseby, voltage select (RD4055 only)	1
	141-2-382T-02000	Terminal clip, AC connect (RD4055 only)	2
	4-237T-00100	Terminal	27
	4-227T-01000	CR combination (RD4055 only)	1
	4-612T-05700	Lamp, Meter illuminate	2
	4-243R-00100	Powre supply cord (RD4055)	1
	4-243T-77172	Power supply cord (RD4055UM)	1
	4-235R-16200	Socket, Volateg select (RD4055)	1
	4-231T-53600	Socket, Voltage select (RD4055UM)	1
	4-234T-04000	Fuse 200mA (RD4055UM only)	2
	4-234T-01100	Fuse 315mA Motor (RD4055UM only)	1
	141-2-383T-02001	Fuse holder (RD4055UM only)	1
AMP P.C.B. ASSY			
	4-226T-79591	Printed Circuit board assembly, AMP	1
S1-1, S1-9, S2-1, S2-9	4-231T-45672	Switch, R/P select	1
	4-235T-23200	Socket, MIC Left & Right	2
	4-235T-23100	Socket, DIN 5P	1
	4-235T-23000	Socket, Headphone	1
	4-235T-23700	Socket, RCA	4
SVR801,802	4-222T-41077	Variable resistor 50DB	2
SVR101,103, 201,203	4-222T-39575	Variable resistor 10KB	4
SVR102,202	4-222T-39577	Variable resistor 50KB	2
L102,202	4-252T-05200	Low frequency choke coil 10mH	2
L801	4-252T-06100	Low frequency choke coil 100μH	1
L101,201	4-253T-01019	High frequency choke coil 4.7mH	2
Q101,102, 201,202		Transistor 2SC1571 or 2SC1327	4
Q103,203		Transistor 2SC945	2
Q104,204		Transistor 2SC536	2
D801,802		Rectifier 1N4001	2
D803		Diode DS442	1
D804		Zener diode WZ075	1
CAPACITORS			
C103,203		Electrolytic 2.2μF 16WV	2
C112,113, 212,213		Electrolytic 1μF 25WV	4
C106,108, 206,208		Electrolytic 4.7μF 25WV	4

PARTS LIST

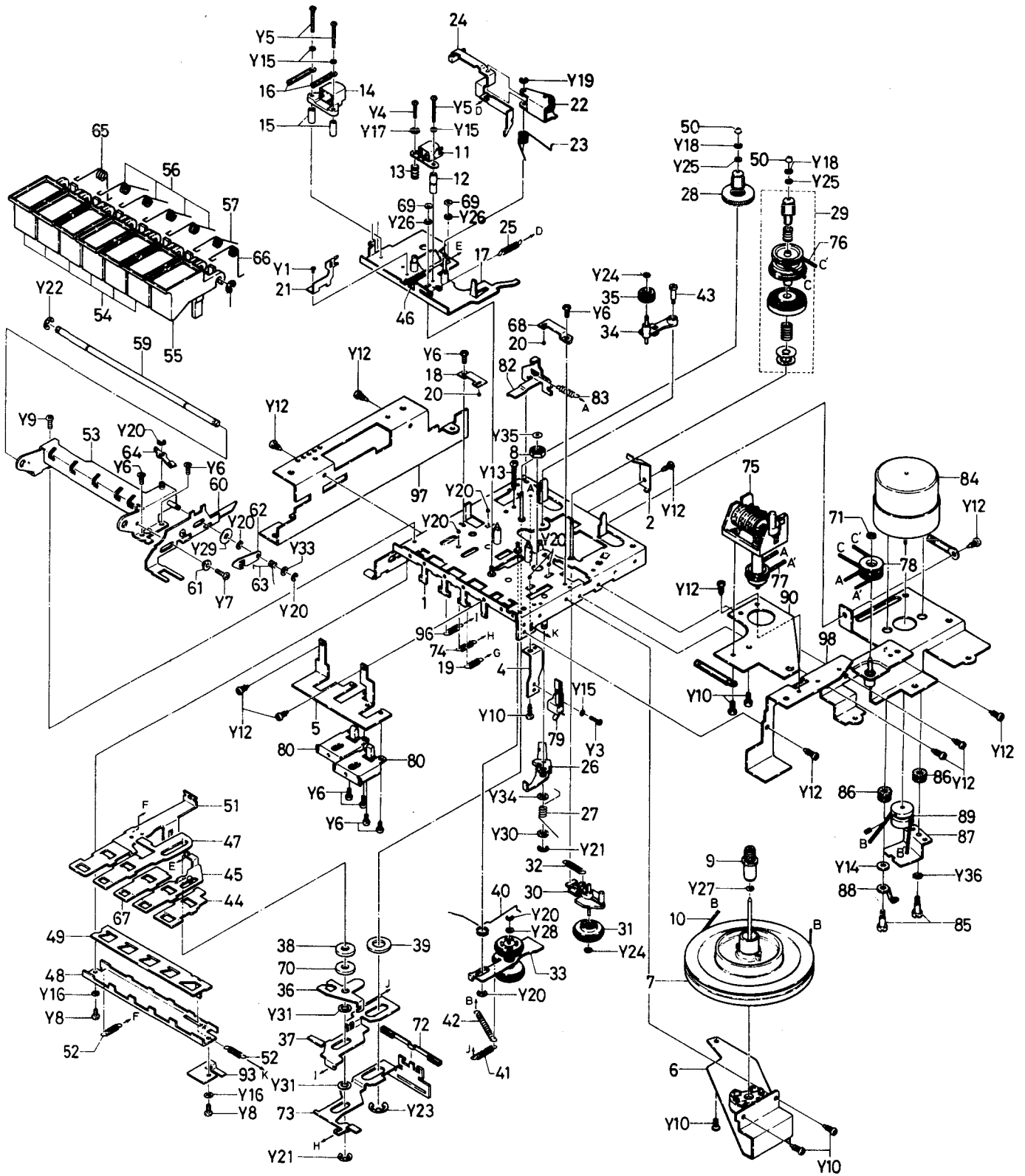
Key No.	Part No.	Description	Q'ty	Key No.	Part No.	Description	Q'ty
AMP P.C.B. ASSY				DOLBY P.C.B. ASSY			
C110,210		Electrolytic 33 μ F 25WV	2	403,409			
C107,207,801		Electrolytic 47 μ F 6.3V	3	C310,410		Electrolytic 0.33 μ F 16WV	2
C802		Electrolytic 100 μ F 25WV	1	C318,418		Mylar 0.0022 μ F \pm 20% 50WV	2
C803		Electrolytic 100 μ F 16WV	1	C317,417		Mylar 0.0027 μ F \pm 10% 50WV	2
C809,810		Electrolytic 470 μ F 16WV	2	C316,416		Mylar 0.0039 μ F \pm 20% 50WV	2
C808		Electrolytic 1000 μ F 25WV	1	C311,411		Mylar 0.0047 μ F \pm 5% 50WV	2
C111,211		Electrolytic 0.33 μ F 16WV	2	C314,414		Mylar 0.0056 μ F \pm 5% 50WV	2
C102,202		Mylar 0.001 μ F \pm 10% 50WV	2	C313,413		Mylar 0.027 μ F \pm 5% 50WV	2
C115,215		Mylar 0.0015 μ F \pm 10% 50WV	2	C306,406		Mylar 0.047 μ F \pm 20% 50WV	2
C105,205		Mylar 0.0068 μ F \pm 10% 50WV	2	C315,415		Ceramic 200pF \pm 10% 50WV	2
C114,214		Mylar 0.027 μ F \pm 10% 50WV	2	RESISTORS			
C811		Mylar 0.033 μ F \pm 20% 50WV	1	R302,402		Carbon 120 ohm \pm 10% 1/4W	2
C109,209		Mylar 0.018 μ F \pm 10% 50WV	2	R308,408		Carbon 180 ohm \pm 10% 1/4W	2
C104,204		Ceramic 220pF \pm 20% 50WV	2	R301,401		Carbon 4.7K ohm \pm 10% 1/4W	2
C806,807		Ceramic 220pF \pm 10% 50WV	2	R307,407		Carbon 47K ohm \pm 10% 1/4W	2
C804,805		Ceramic 330pF \pm 10% 50WV	2	R309,409		Carbon 100K ohm \pm 10% 1/4W	2
C117,217		Ceramic 390pF \pm 10% 50WV	2	R305,405		Carbon 150K ohm \pm 10% 1/4W	2
C116,216		Ceramic 680pF \pm 10% 50WV	2	R304,404		Carbon 270K ohm \pm 10% 1/4W	2
C101,201		Ceramic 820pF \pm 20% 50WV	2	R303,403		Carbon 680K ohm \pm 10% 1/4W	2
C118,218		Ceramic 100 μ F \pm 20% 50WV	2	R306,406		Carbon 3.3K ohm \pm 10% 1/4W	2
RESISTORS				METER P.C.B. ASSY			
R101,201		Carbon 10 ohm \pm 10% 1/4W	2	4-226T-79491 Printed circuit board assembly, METER			
R805		Carbon 82 ohm \pm 10% 1/4W	1	4-236T-09600 Plug 6P			
R107,120,207,220,804		Carbon 220 ohm \pm 10% 1/4W	5	Q501,502,601,602		Transistor 2SC536	4
R121,221		Carbon 560 ohm \pm 10% 1/4W	2	D501,502,601,602		Diode 1S188	4
R132,232		Carbon 1K ohm \pm 10% 1/4W	3	CAPACITORS			
R116,216		Carbon 1.8K ohm \pm 10% 1/4W	2	C502,503,602,603		Electrolytic 4.7 μ F 25WV	4
R110,129,131,229,231,210		Carbon 1.2K ohm \pm 10% 1/4W	6	C501,601		Electrolytic 2.2 μ F 16WV	2
R115,215		Carbon 2.2K ohm \pm 10% 1/4W	2	RESISTORS			
R122,222		Carbon 3.9K ohm \pm 10% 1/4W	2	R504,506,604,606		Carbon 1K ohm \pm 10% 1/4W	4
R123,125,223,225		Carbon 4.7K ohm \pm 10% 1/4W	4	R503,603		Carbon 3.3K ohm \pm 10% 1/4W	2
R102,118,202,218		Carbon 5.6K ohm \pm 10% 1/4W	4	R501,601		Carbon 8.2K ohm \pm 10% 1/4W	2
R109,130,209,230		Carbon 6.8K ohm \pm 10% 1/4W	4	R502,602		Carbon 18K ohm \pm 10% 1/4W	2
R124,224		Carbon 8.2K ohm \pm 10% 1/4W	2	R505,605		Carbon 47K ohm \pm 10% 1/4W	2
R103,104,203,204		Carbon 10K ohm \pm 10% 1/4W	4	OSC P.C.B. ASSY			
R106,206		Carbon 12K ohm \pm 10% 1/4W	2	4-226T-79791 Printed circuit board assembly, OSC			
R111,211		Carbon 15K ohm \pm 10% 1/4W	2	4-258T-12800 OSC coil			
R128,228		Carbon 18K ohm \pm 10% 1/4W	2	4-236T-09600 Plug 6P			
R127,227		Carbon 22K ohm \pm 10% 1/4W	2	Q701		Transistor 2SC1317	1
R112,212		Carbon 27K ohm \pm 10% 1/4W	2	Q702		Transistor 2SC536	1
R119,219,801		Carbon 47K ohm \pm 10% 1/4W	3	CAPACITORS			
R114,214		Carbon 56K ohm \pm 10% 1/4W	2	C705,706		Electrolytic 220 μ F 25WV	2
R117,217		Carbon 100K ohm \pm 10% 1/4W	2	C707		Electrolytic 220 μ F 25WV	1
R105,126,205,226		Carbon 220K ohm \pm 10% 1/4W	4	C704		Electrolytic 220 μ F 25WV	1
R108,208		Carbon 330K ohm \pm 10% 1/4W	2	C701		Mylar 0.0056 μ F \pm 10% 50WV	1
R113,213		Carbon 390K ohm \pm 10% 1/4W	2	C702,703		Mylar 0.022 μ F \pm 20% 50WV	2
RESISTORS				RESISTORS			
DOLBY P.C.B. ASSY				R702		Carbon 8.2 ohm \pm 10% 1/4W	1
L301,401	4-226T-79691	Printed circuit board assembly, DOLBY	2	R704		Solid 8.2 ohm \pm 10% 1/2W	1
L302,402	4-252T-02900	Low frequency choke coil 36mH	2	R706		Solid 33 ohm \pm 10% 1/2W	1
	4-252T-02800	Low frequency choke coil 23mH Variable	2	R703		Solid 180 ohm \pm 10% 1/2W	1
	4-235T-32400	or Socket, IC	2	R705		Carbon 2.2K ohm \pm 10% 1/4W	1
	4-235T-32100	Plug 6P	2	R701		Carbon 18K ohm \pm 10% 1/4W	1
	4-236T-09600	IC NE545B, Dolby IC	2	SCREW MOUNTING			
D301,401	206-5-995T-05452	Zener diode WZ061	2	Pan head screw 2 x 6mm			
D302,402		Diode 1S188	2	Pan head screw 3 x 4mm			
CAPACITORS				Pan head screw 3 x 6mm			
C304,305,307,404,405,407		Electrolytic 1 μ F 25WV	6	Pan head screw 3 x 10mm			
C308,312,408,412		Electrolytic 10 μ F 16WV	4	Pan head screw 4 x 16mm			
C302,402		Electrolytic 47 μ F 16WV	2	Tapping screw 2.3 x 6mm			
C301,401		Electrolytic 100 μ F 16WV	2	Tapping screw 3 x 6mm			
C303,309		Electrolytic 0.1 μ F 16WV	4	Tapping screw 3 x 8mm			
				Tapping screw 3 x 35mm			
				Nut 3mm			
				Washer 3mm			
				Washer 2mm			

PARTS LIST

Key No.	Part No.	Description	Q'ty
SCREW MOUNTING			
		Washer 3.3 x 13 x 1mm	1
		Washer 4.5 x 10 x 0.8mm	4
		External tooth lock washer 3mm	1
		External "E" ring 2mm	1
		Pan head screw with spring washer 3 x 8mm	2
		Pan head screw with washer & spring washer 3 x 4mm	1
		Pan head screw with washer & spring washer 3 x 8mm	2
		Tapping screw with washer 3 x 10mm	5
		Tapping screw with washer 3 x 12mm	6
MECHANISM			
1	141-0-311T-01903	Chassis	1
2	141-2-853T-33300	Plate spring, Cassette Pressure	1
3	123-2-472R-00600	Lug	1
4	141-2-365T-22600	Bracket, Power supply switch mtg.	1
5	141-2-365T-26100	Bracket, Muting switch mtg.	1
6	141-0-524T-06191	Bracket assembly, Flywheel mtg.	1
7	141-0-521T-05100	Flywheel assembly	1
8	141-2-411T-02601	Plate nut, Bearing mtg.	1
9	141-0-573T-01000	Bearing assembly, Flywheel	1
10	141-2-564T-14700	Square belt, Flywheel drive	1
11	4-242T-19200	R/P head	1
12	141-2-461T-19300	Pipe, R/P head mtg.	1
13	141-2-851T-54500	Coil spring	1
14	4-242T-13600	E head	1
15	141-2-461T-19200	Pipe, E head mtg.	2
16	141-2-472T-02200	Lug, E head earth mtg.	2
17	141-0-731T-06300	Slide assembly, Head slide	1
18	141-2-853T-27800	Coil spring, Slide (17) pressure	1
19	141-2-851T-71800	Coil spring, Slide (17) returning	1
20		Stell ball 2mm, Head slide Plate spring	6
21	141-2-821T-09500	Tape guide	1
22	141-0-545T-01000	Pinch roller lever assembly	1
23	141-2-851T-71700	Coil spring, Pinch roller pressure	1
24	141-0-721T-00900	Lever shut off assembly, Auto stop	1
25	141-2-851T-91000	Coil spring, Auto stop	1
26	141-2-741T-60700	Lever Quick lever	1
27	141-2-851T-72200	Coil spring, Quick lever	1
28	141-0-531T-02300	Reel plate assembly, Supply reel	1
29	141-0-531T-02400	Reel plate assembly, Take up reel	1
30	141-0-731T-06000	Slide assembly, Play idler mtg.	1
31	141-2-551T-02100	Play idler	1
32	141-2-851T-73700	Coil spring, Pulley pressure	1
33	141-0-551T-00800	Idler assembly, REW & FWD roller	1
34	141-0-741T-09800	Lever assembly, FWD lever	1
35	141-2-551T-02000	Idler, REW roller	1
36	141-2-741T-60500	Lever, REW operation	1
37	141-2-731T-26801	Slide, F.FWD operation	1
38	141-2-457T-07800	Special washer, Spacer	1
39	141-2-457T-07900	Special washer, Spacer	1
40	141-2-851T-72000	Coil spring, F.FWD operation	1
41	141-2-851T-73300	Coil spring, Idler (33) returning	1
42	141-2-851T-73900	Coil spring, Idler (33) returning	1
43	141-2-421T-13500	Special screw, REW lever (34) fulcrum	1
44	141-2-731T-27000	Slide, STOP button	1
45	141-2-731T-26400	Slide, PLAY button	1
46	141-2-851T-73800	Coil spring, Slide (45) returning	1
47	141-2-731T-26500	Slide, REW button	1
48	141-2-673T-03100	Slide cam, Slide mtg.	1
49	141-2-614T-04801	Lever, Lock slide	1
50	141-2-536T-01700	Fix reel plate, Reel cap	2
51	141-2-731T-27101	Slide, REC button	1
52	141-2-851T-73600	Coil spring, Lock slide returning	1
53	141-0-613T-00100	Flame assembly, Push button mtg.	1
54	141-2-611T-06900	Lever, Push button	6
55	141-2-611T-07100	Lever, Pause button	1
56	141-2-851T-71300	Coil spring, Push button returning	4
57	141-2-851T-71400	Coil spring, Stop button returning	1
59	141-2-612T-03300	Shaft, Push button	1
60	141-0-652T-00101	Slide assembly, PAUSE	1
61	141-2-462T-24600	Boss	1
62	141-2-671T-04100	Cam, Lock lever	1
63	141-2-851T-72300	Coil spring, Lever returning	1
64	141-2-651T-01300	Lever, PAUSE	1
65	141-2-851T-71500	Coil spring, Eject returning	1
66	141-2-851T-71600	Coil spring, Pause returning	1

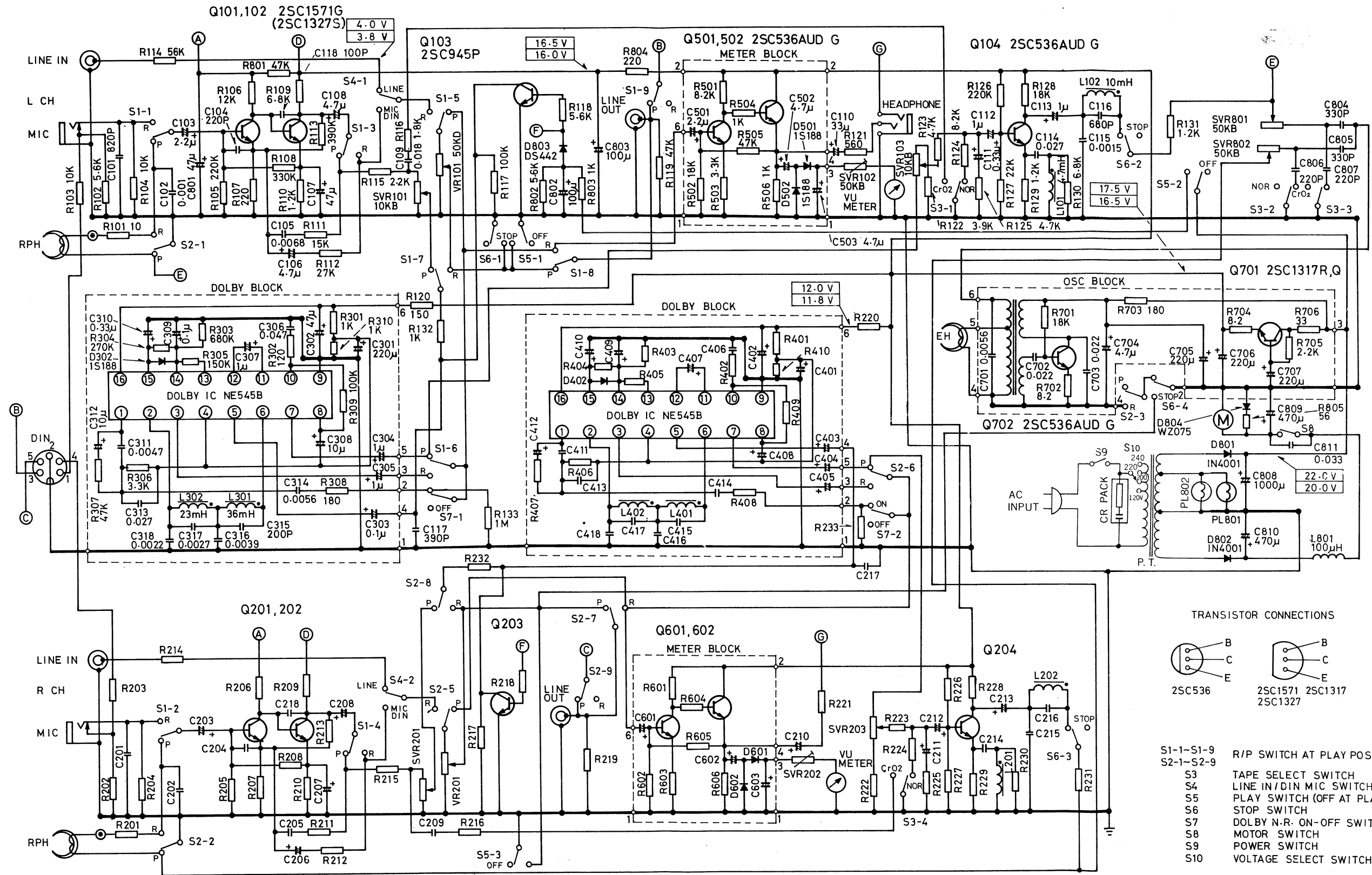
Key No.	Part No.	Description	Q'ty
MECHANISM			
67	141-2-731T-26600	Slide, F.FWD button	1
68	141-2-853T-38700	Plate spring, Head slide pressure	1
69	141-2-457T-04100	Special washer, Head slide pressure	2
70	141-2-457T-08100	Special washer, Spacer	1
71	141-2-457T-04100	Special washer, Counter relay	1
72	141-0-713T-00100	Brake plate spring assembly	1
73	141-2-731T-26901	Main slide	1
74	141-2-851T-73500	Coil spring, Main slide returning	1
75	141-2-811T-04000	Counter	1
76	141-2-564T-13300	Square belt, Reel plate to relay pulley S	1
77	141-2-564T-13400	Square belt, Relay pulley to Counter L	1
78	141-2-661T-16601	Pulley, Counter relay	1
79	4-231T-42600	Power supply switch	1
80	4-231T-43000	Muting switch	2
82	141-2-741T-60800	Lever, Unti miss recording	1
83	141-2-851T-56100	Coil spring, Lever (82) mtg.	1
84	4-527T-06600	DC motor	1
85	141-2-421T-08300	Special screw, Motor mtg.	2
86	141-2-445T-13300	Rubber cushion, Motor mtg.	2
87	141-2-322T-19200	Shield plate	1
88	141-2-472T-03700	Lug, Motor mtg.	1
89	141-0-661T-69491	Motor pulley assembly	1
90	141-2-812T-05100	Bracket, Counter mtg.	1
93	141-2-747T-07800	Bracket, Lock slide	1
96	141-2-851T-73700	Coil spring, Slide (37) returning	1
97	141-2-316T-08800	Chassis mounting, Right	1
98	141-0-316T-00100	Chassis mounting assembly, Left	1
MECHANISM SCREW			
Y 1		Pan head screw 2 x 2mm	1
Y 3		Pan head screw 2 x 5mm	1
Y 4		Pan head screw 2 x 8mm	1
Y 5		Pan head screw 2 x 15mm	3
Y 6		Pan head screw 2.6 x 4mm	8
Y 7		Pan head screw 2.6 x 5mm	1
Y 8		Pan head screw 3 x 4mm	2
Y 9		Pan head screw 3 x 5mm	1
Y10		Pan head screw 3 x 6mm	5
Y12		Tapping screw 3 x 6mm	8
Y13		Tapping screw 3 x 18mm	1
Y14		Washer 3 x 8 x 0.5mm	1
Y15		Spring washer 2mm	4
Y16		Spring washer 3mm	2
Y17		Internal tooth lock washer 2.6mm	1
Y18		External "E" ring 1.5mm	2
Y19		External "E" ring 1.9mm	1
Y20		External "E" ring 2.3mm	4
Y21		External "E" ring 3.2mm	3
Y22		External "E" ring 4mm	2
Y23		External "E" ring 6mm	1
Y24		Graphite nylon washer 1.5 x 5 x 0.5mm	2
Y25		Graphite nylon washer 2 x 4 x 0.25mm	4
Y26		Graphite nylon washer 2 x 4 x 0.5mm	3
Y27		Graphite nylon washer 2.6 x 5 x 0.5mm	1
Y28		Graphite nylon washer 3 x 4.5 x 0.5mm	1
Y29		Graphite nylon washer 3.6 x 6 x 0.5mm	1
Y30		Graphite nylon washer 4.2 x 6 x 0.13mm	1
Y31		Graphite nylon washer 5.1 x 8 x 0.25mm	3
Y33		Graphite nylon washer 3.1 x 6 x 0.5mm	1
Y34		Graphite nylon washer 4.1 x 8 x 0.3mm	1
Y35		Nylon washer 2.4 x 6 x 0.5mm	1
Y36		External tooth lock washer 3mm	1
Y37		Tapping screw with washer 3 x 6mm	1

EXPLODED VIEW



MEMO

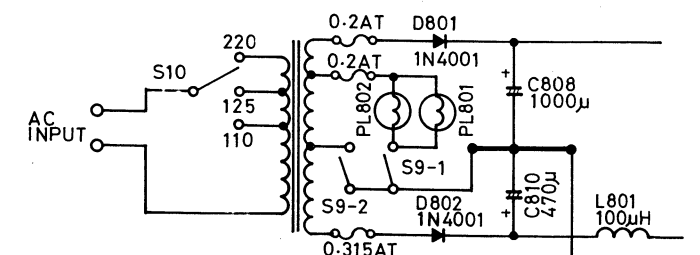
SCHEMATIC DIAGRAM



	Q101 201	Q102 202	Q103 203	Q104 204	Q501 601	Q502 602	Q701	Q702
E	PLAY 0.01 V	1.5 V	0 V	1.0 V	2.0 V	10.4 V	17.7 V	0.1 V
B	RECORD 0.01 V	1.4 V	0 V	1.0 V	1.8 V	9.4 V	16.7 V	
	PLAY 0.6 V	2.2 V	0.6 V	2.6 V	11.0 V	18.3 V		
	RECORD 0.6 V	2.0 V	0.6 V	1.6 V	2.4 V	10.0 V	17.2 V	
C	PLAY 2.2 V	7.0 V	0 V	3.0 V	11.0 V	17.5 V	19.0 V	
	RECORD 2.0 V	6.8 V	0 V	3.0 V	10.0 V	16.5 V	20.5 V	16.0 V

PLAY TO CHASSIS

RD4055 AS



RD4055 UM

WIRING DIAGRAM

